INDEX TO VOLUME XXXVII.

SUBJECT INDEX.

A

Accident Causation, Certain Psychological Aspects of, 67.
Accidents in Foundry Work, Prevention of, 137.
Ajax-Northrup High-Frequency Electric Furnace, Demonstration of the, 194.
Alloys with High Nickel and Chrome Contents, 194.
Alumina on the Casting Properties of Aluminium, Influence of, 12.
Aluminium Alloys, Estimation of Copper in, 104.
Aluminium Alloys, Estimation of Iron in, 128.
Aluminium Alloys, Heat-Treatment of, 67.
Aluminium Alloys, Volumetric Estimation of Zinc in, 175.
Aluminium and its Alloys, Influence of the Type of Mould on the Mechanical Properties of Cast, 159
Aluminium Bronze, 143
Aluminium Casting, Britain's Largest, 90
Aluminium Cast Irons, 208
Aluminium, Influence of Alumina on the Casting Properties of, 12.
Aluminium-Copper Alloys, Segregation of, 224.
America, Foundry Practice in the United States of, 227.
American Exchange Paper Authors, 210.
American Foundry Practice, 102.
American Iron and Steel Industry, Economic and Social Development of the, 83.
Artificial Lighting in Foundries, 18.

B

Bell at York Minster, New, 82.
Bellfounder's Bill of the Year 1510, 118.
Blast-Furnace Process, Theory of the, 65.
Britain's Largest Aluminium Casting, 90.
British Cast Iron Research Association, 182.
Bronze Founding, Some Developments in Engineering, 195.
Buying Die Castings, 70.

C

Casting Industry, Future of the Non-Ferrous, 10.
Castings in Pearlitic Cast Iron, Production of Diesel Engine, 215.
Castings, Quantity Production of, 177.
Castings, Steel Making with Special Reference to the Manufacture of Steel, 125.
Casting Temperature, Notes on Rate of Cooling and, 71, 157.
Cast Iron for Retorts for Low-Temperature Carbonisation, Use of, 176.
Cast Iron, Hardness and Machinability of, 201.
Cast Iron, Influence of the Cooling Rate on the Maurer Diagram for, 222.
Cast Irons, Constitution of Silicon-Carbon-Iron Alloys and a New Theory of the, 7.
Cast Iron, Structure of, 210.
Cast Iron, Tests of the Fatigue Strength of, 6.
Cast Iron, Theory of Superheating, 234.
Centrifugal Castings for Diesel Engines, 199.
Characteristics of Some Steel Moulding and Core Sand Materials, 164.
Chemical Analysis and the Quality of Pig-Iron, 6.
Chemical Constitution and Refractoriness of Moulding Sands, 184.
Chrome Plating Development, 105.
Clydebridge Steel Works, Works of David Colville & Sons, Limited, 35.
Clydesdale Iron and Steel Works, Works of Stewarts & Lloyds, Limited, 173.
Cohesion, 185.
Combustion, Submerged Flame, 202.
Cooling Rate on the Maurer Diagram for Cast Iron, Influence of the, 222.
Constitution of Silicon-Carbon-Iron Alloys and a New Theory of the Cast Irons, 7.
Continental Steel Trust, 160, 213.
Contraction, Methods of Measuring, 162.
Copper in Aluminium Alloys, Estimation of, 104.
Copper Position, Rough, 198.
Cores in the Jobbing Foundry, Oil Sand, 217.

Correspondence:—

Britain's Largest Aluminium Casting, 116, 148, 161.
Cast-Iron Pipe Makers, 193.
Controlling the Price of Tin, 96.
Corrosion by Oil, 73.
Custom of the Trade, 116, 134.
Metallurgy of Gear Manufacture, 172.
National Collection of Slides, 116, 138.
National Wealth, 117.
Nomenclature, 90, 134.
Rammed Linings for Cupola, 22, 26.
Spanish Conditions, 172, 190.
Stabilising Tin Prices, 116.
Standardised Costing, 73.
Spun-Sorbitic Castings, 22.
Works Material Exhibition in Berlin, 73.
Corrosion by Oil, 49.
Cupola Melting, with Special Reference to the Value of Steel Scrap in Cupola Mixtures, 225.
Cupola, Lining of a, 24.
Cupola Practice, Hints on, 146.
Cupola Yields 20 per Cent. Fuel Economy, Hot Blast, 190.
Cylinder Castings, Making Motor, 103.
Cylinders for Locomotives and Foundry Practice, 119.

D

Dangerous Customer, 127.
Die Castings, Buying, 70.
Diesel Engine Castings in Pearlitic Cast Iron, Production of, 215.
Diesel Engines, Centrifugal Castings for, 199.
Dressing Shop Practice, 148.
Drying Stoves, Modern, 121.

E

Electrical Industry, Metallurgy in the, 202.
Electric Furnace, New, 174.
Electric Power in the Foundry, 214.
Elements of Successful Polishing, 147.
Enamelling, Ferro Wet Process of Vitreous Porcelain, 124.
Enamelling, Wet Process of Vitreous Porcelain, 216.

F

Fatigue Strength of Cast-Iron, Tests of the, 6.
Ferro Wet Process of Vitreous Porcelain Enamelling, 124.
Foundry Costing, 44.
Foundry Practice and the Design of Castings, 110.
Foundry Practice in the United States of America, 227.
Foundry Practice, Review of, 16.
Foundry Practice, Steel, 144.
Foundry Purchasing, 11, 78, 109, 185.

Foundry Queries:—

Casting Brass on Steel, 60.
Cold and Hard Iron, 26.
Electric Furnaces for Aluminium, 94.
Melting Aluminium Alloys, 161.
Moulding Powder, 43.
Foundry Work, Mechanical Organisation of, 88.
Foundry's Heavy Loss, 60.
French Exhibition and Congress, High Lights of the, 2.
Furnace, Demonstration of the Ajax-Northup High-Frequency Electric, 194
Future of the Non-Ferrous Casting Industry, 10.

G

German Steel Trust, 128.
Germany, An Appreciation from, 28.
Germany, Notes from, 26.
Grids Used in Moulds and Cores, 176.

H

Hardening by Nitrogen Surface, 135.
Hardness and Machinability of Cast-Iron, 201.
Heat Treatment of Aluminium Alloys, 67.
Hints on Cupola Practice, 146.

I

Influence of Alkaline Salts upon Molten Iron, 34.
Influence of Alumina on the Casting Properties of Aluminium, 12.
Institute of British Foundrymen, 27, 28, 43, 52, 60, 68, 73, 90, 96, 106, 109, 110, 118, 136, 139, 152, 160, 172, 181, 190, 191.
Iron and Steel Industry, Economic and Social Development of the American, 83.
Iron and Steel Production, 43.
Iron-Carbon Alloy, Influence of Nickel and Silicon on an, 29, 47.
Iron in Aluminium Alloys, Estimation of, 128.
Is there a Tin Shortage? 160.

L

Leaders:—

American Foundries and British Equipment, 151.
Bridging the Gap, 77.
Change of Focus, 95.
Change Over, 1.
Colour, 59.
Cores, 207.
Custom of the Trade, 133.
Instalment Buying and the Basic Trades, 189.
Ironfounder and the Nation's Savings, 59.
La Semaine de la Fonderie, 77.
Logical Search for New Markets, 115.
Mass Production, 41.
New Link in the Chain, 207.
Over and Under, 189.
Possible Way Out? 41.
Preserving the Broad View, 23.
Pressing Necessity, 95.
Retrospective, 1927, 221.
Science and the Plain Man, 115.
Selling Castings Abroad, 23.
Sheet Anchor, 171.
Steady Progress, 151.
Towards Simplification, 171.
Trade Fluctuations, 133.
Lining of a Cupola, 24.
Loam Moulding, 136.
London Foundrymen Visit Peterborough, 181.
Low Temperature, Carbonisation, Use of Cast-Iron for Retorts for, 176.

M

Machinability of Cast Iron, Hardness and, 201.
Magnetic and Other Changes Concerned in the Temper-Brittleness of Nickel-Chromium Steels, 52.
Maurer Diagram for Cast Iron, Influence of the Cooling Rate on the, 222.
Mechanical Organisation of Foundry Work, 88.
Mellon Institute of Industrial Research, 86.
Metallurgist and the Founder, 27.
Metallurgy in the Electrical Industry, 202.
Metal Spraying, Developments in, 9.
Methods of Measuring Contraction, 162.
Micro-Analysis of Pig-Iron, Elementary, 138.
Molten Iron, Influence of Alkaline Salts upon, 34.
Moulding and Core Sand Materials, Characteristics of Some Steel, 164.
Moulding Sand Control, Practical, 79.
Moulding Sands, Chemical Constitution and Refractoriness of, 184.
Motor Cylinder Castings, Making, 103.
Motor Cylinders, Some Further Notes on Oil-Sand and, 211.
Mysore Ironworks, 114.

N

National Wealth—How Produced and How We Share in It, 105.
Nickel Alloys and Corrosion, 183.
Nickel and Silicon on an Iron-Carbon Alloy, Influence of, 29, 47.
Nickel-Chrome Alloys, 194.
Non-Ferrous Casting Industry, Future of the, 10.

O

Obituary, 20, 38, 56, 92, 117, 143, 219, 236.
Oil-Sand and Motor Cylinders, Some Further Notes on, 211.
Oil-Sand Cores in the Jobbing Foundry, 217.
Open-Hearth Steelworks Refractories, 50.
Oxy-Acetylene Cutting in Foundries, Notes on, 216.
Oxygen in Iron and Steel, 213.

INDEX TO VOLUME XXXVII.

SUBJECT INDEX.

A

Accident Causation, Certain Psychological Aspects of, 67.
Accidents in Foundry Work, Prevention of, 137.
Ajax-Northrup High-Frequency Electric Furnace, Demonstration of the, 194.
Alloys with High Nickel and Chrome Contents, 194.
Alumina on the Casting Properties of Aluminium, Influence of, 12.
Aluminium Alloys, Estimation of Copper in, 104.
Aluminium Alloys, Estimation of Iron in, 128.
Aluminium Alloys, Heat-Treatment of, 67.
Aluminium Alloys, Volumetric Estimation of Zinc in, 175.
Aluminium and its Alloys, Influence of the Type of Mould on the Mechanical Properties of Cast, 159
Aluminium Bronze, 143
Aluminium Casting, Britain's Largest, 90
Aluminium Cast Irons, 208
Aluminium, Influence of Alumina on the Casting Properties of, 12.
Aluminium-Copper Alloys, Segregation of, 224.
America, Foundry Practice in the United States of, 227.
American Exchange Paper Authors, 210.
American Foundry Practice, 102.
American Iron and Steel Industry, Economic and Social Development of the, 83.
Artificial Lighting in Foundries, 18.

B

Bell at York Minster, New, 82.
Bellfounder's Bill of the Year 1510, 118.
Blast-Furnace Process, Theory of the, 65.
Britain's Largest Aluminium Casting, 90.
British Cast Iron Research Association, 182.
Bronze Founding, Some Developments in Engineering, 195.
Buying Die Castings, 70.

C

Casting Industry, Future of the Non-Ferrous, 10.
Castings in Pearlitic Cast Iron, Production of Diesel Engine, 215.
Castings, Quantity Production of, 177.
Castings, Steel Making with Special Reference to the Manufacture of Steel, 125.
Casting Temperature, Notes on Rate of Cooling and, 71, 157.
Cast Iron for Retorts for Low-Temperature Carbonisation, Use of, 176.
Cast Iron, Hardness and Machinability of, 201.
Cast Iron, Influence of the Cooling Rate on the Maurer Diagram for, 222.
Cast Irons, Constitution of Silicon-Carbon-Iron Alloys and a New Theory of the, 7.
Cast Iron, Structure of, 210.
Cast Iron, Tests of the Fatigue Strength of, 6.
Cast Iron, Theory of Superheating, 234.
Centrifugal Castings for Diesel Engines, 199.
Characteristics of Some Steel Moulding and Core Sand Materials, 164.
Chemical Analysis and the Quality of Pig-Iron, 6.
Chemical Constitution and Refractoriness of Moulding Sands, 184.
Chrome Plating Development, 105.
Clydebridge Steel Works, Works of David Colville & Sons, Limited, 35.
Clydesdale Iron and Steel Works, Works of Stewarts & Lloyds, Limited, 173.
Cohesion, 185.
Combustion, Submerged Flame, 202.
Cooling Rate on the Maurer Diagram for Cast Iron, Influence of the, 222.
Constitution of Silicon-Carbon-Iron Alloys and a New Theory of the Cast Irons, 7.
Continental Steel Trust, 160, 213.
Contraction, Methods of Measuring, 162.
Copper in Aluminium Alloys, Estimation of, 104.
Copper Position, Rough, 198.
Cores in the Jobbing Foundry, Oil Sand, 217.

Correspondence:—

Britain's Largest Aluminium Casting, 116, 148, 161.
Cast-Iron Pipe Makers, 193.
Controlling the Price of Tin, 96.
Corrosion by Oil, 73.
Custom of the Trade, 116, 134.
Metallurgy of Gear Manufacture, 172.
National Collection of Slides, 116, 138.
National Wealth, 117.
Nomenclature, 90, 134.
Rammed Linings for Cupola, 22, 26.
Spanish Conditions, 172, 190.
Stabilising Tin Prices, 116.
Standardised Costing, 73.
Spun-Sorbitic Castings, 22.
Works Material Exhibition in Berlin, 73.
Corrosion by Oil, 49.
Cupola Melting, with Special Reference to the Value of Steel Scrap in Cupola Mixtures, 225.
Cupola, Lining of a, 24.
Cupola Practice, Hints on, 146.
Cupola Yields 20 per Cent. Fuel Economy, Hot Blast, 190.
Cylinder Castings, Making Motor, 103.
Cylinders for Locomotives and Foundry Practice, 119.

D

Dangerous Customer, 127.
Die Castings, Buying, 70.
Diesel Engine Castings in Pearlitic Cast Iron, Production of, 215.
Diesel Engines, Centrifugal Castings for, 199.
Dressing Shop Practice, 148.
Drying Stoves, Modern, 121.

E

Electrical Industry, Metallurgy in the, 202.
Electric Furnace, New, 174.
Electric Power in the Foundry, 214.
Elements of Successful Polishing, 147.
Enamelling, Ferro Wet Process of Vitreous Porcelain, 124.
Enamelling, Wet Process of Vitreous Porcelain, 216.

F

Fatigue Strength of Cast-Iron, Tests of the, 6.
Ferro Wet Process of Vitreous Porcelain Enamelling, 124.
Foundry Costing, 44.
Foundry Practice and the Design of Castings, 110.
Foundry Practice in the United States of America, 227.
Foundry Practice, Review of, 16.
Foundry Practice, Steel, 144.
Foundry Purchasing, 11, 78, 109, 185.

Foundry Queries:—

Casting Brass on Steel, 60.
Cold and Hard Iron, 26.
Electric Furnaces for Aluminium, 94.
Melting Aluminium Alloys, 161.
Moulding Powder, 43.
Foundry Work, Mechanical Organisation of, 88.
Foundry's Heavy Loss, 60.
French Exhibition and Congress, High Lights of the, 2.
Furnace, Demonstration of the Ajax-Northup High-Frequency Electric, 194
Future of the Non-Ferrous Casting Industry, 10.

G

German Steel Trust, 128.
Germany, An Appreciation from, 28.
Germany, Notes from, 26.
Grids Used in Moulds and Cores, 176.

H

Hardening by Nitrogen Surface, 135.
Hardness and Machinability of Cast-Iron, 201.
Heat Treatment of Aluminium Alloys, 67.
Hints on Cupola Practice, 146.

I

Influence of Alkaline Salts upon Molten Iron, 34.
Influence of Alumina on the Casting Properties of Aluminium, 12.
Institute of British Foundrymen, 27, 28, 43, 52, 60, 68, 73, 90, 96, 106, 109, 110, 118, 136, 139, 152, 160, 172, 181, 190, 191.
Iron and Steel Industry, Economic and Social Development of the American, 83.
Iron and Steel Production, 43.
Iron-Carbon Alloy, Influence of Nickel and Silicon on an, 29, 47.
Iron in Aluminium Alloys, Estimation of, 128.
Is there a Tin Shortage? 160.

L

Leaders:—

American Foundries and British Equipment, 151.
Bridging the Gap, 77.
Change of Focus, 95.
Change Over, 1.
Colour, 59.
Cores, 207.
Custom of the Trade, 133.
Instalment Buying and the Basic Trades, 189.
Ironfounder and the Nation's Savings, 59.
La Semaine de la Fonderie, 77.
Logical Search for New Markets, 115.
Mass Production, 41.
New Link in the Chain, 207.
Over and Under, 189.
Possible Way Out? 41.
Preserving the Broad View, 23.
Pressing Necessity, 95.
Retrospective, 1927, 221.
Science and the Plain Man, 115.
Selling Castings Abroad, 23.
Sheet Anchor, 171.
Steady Progress, 151.
Towards Simplification, 171.
Trade Fluctuations, 133.
Lining of a Cupola, 24.
Loam Moulding, 136.
London Foundrymen Visit Peterborough, 181.
Low Temperature, Carbonisation, Use of Cast-Iron for Retorts for, 176.

M

Machinability of Cast Iron, Hardness and, 201.
Magnetic and Other Changes Concerned in the Temper-Brittleness of Nickel-Chromium Steels, 52.
Maurer Diagram for Cast Iron, Influence of the Cooling Rate on the, 222.
Mechanical Organisation of Foundry Work, 88.
Mellon Institute of Industrial Research, 86.
Metallurgist and the Founder, 27.
Metallurgy in the Electrical Industry, 202.
Metal Spraying, Developments in, 9.
Methods of Measuring Contraction, 162.
Micro-Analysis of Pig-Iron, Elementary, 138.
Molten Iron, Influence of Alkaline Salts upon, 34.
Moulding and Core Sand Materials, Characteristics of Some Steel, 164.
Moulding Sand Control, Practical, 79.
Moulding Sands, Chemical Constitution and Refractoriness of, 184.
Motor Cylinder Castings, Making, 103.
Motor Cylinders, Some Further Notes on Oil-Sand and, 211.
Mysore Ironworks, 114.

N

National Wealth—How Produced and How We Share in It, 105.
Nickel Alloys and Corrosion, 183.
Nickel and Silicon on an Iron-Carbon Alloy, Influence of, 29, 47.
Nickel-Chrome Alloys, 194.
Non-Ferrous Casting Industry, Future of the, 10.

O

Obituary, 20, 38, 56, 92, 117, 143, 219, 236.
Oil-Sand and Motor Cylinders, Some Further Notes on, 211.
Oil-Sand Cores in the Jobbing Foundry, 217.
Open-Hearth Steelworks Refractories, 50.
Oxy-Acetylene Cutting in Foundries, Notes on, 216.
Oxygen in Iron and Steel, 213.

670.5 V 37

P

Paris Foundry Conference Papers, 42.
Pearlitic Cast Iron, Production of Diesel Engine Castings in, 215.
Personal, 20, 38, 56, 74, 92, 130, 149, 186, 204, 220, 236.
Phosphor-Copper, 86.
Pig-Iron. Chemical Analysis and the Quality of, 6.
Pig-Iron. Elementary Micro-Analysis of, 138.
Pig-Iron Qualities, Cause of Variations in, 33.
Polishing. Elements of Successful, 147.
Prevention of Accidents in Foundry Work, 137.
Propeller Cone Caps, 232.
Pulverised Fuel Firing. Notable Advance in, 118.

Q

Quantity Production of Castings, 177.

R

Railway Rates. Effect Upon the Foundry, New, 218.
Random Shots, 2, 26, 52, 60, 90, 96, 117, 134, 152, 172, 190, 210, 231.
Rate of Cooling and Casting Temperature, Notes on, 157.
Recent Development in Welding, 156.
Refractories. Open-Hearth Steelworks, 50.
Review of Foundry Practice, 16.
Ruscoe Cupola Charger, 117.

S

Sand Blasting up to Date, 120.
Sand Control Practical Moulding, 79.
Sand Milling and Handling, 153.
Science and the Foundry, 124.
Scrap in the Iron-Ferrous Foundry, 46.
Seaport Transport of Liquid Metal, 62.
Segregation of Aluminium-Copper Alloys, 224.
Seven Lean Years, 193.
Silica Gel as a Medium for Drying Blast, Use of, 3.
Silicon-Carbon-Iron Alloys and a New Theory of the Cast Irons, 7.
Slagging of Iron and Manganese, 168.
Spraying. Developments in Metal, 9.
Steel Castings Industry, Developments in the, 63.
Steel Foundry Practice, 144.
Steelmaking Examined, Systems of, 141.
Steel Making with Special Reference to the Manufacture of Steel Castings, 125.
Steel Problems, North-East Coast Founders Discuss, 174.
Steel Scrap in Cupola Mixtures, Cupola Melting with Special Reference to the Value of, 225.
Steels, Magnetic and Other Changes Concerned in the Temper, Brittleness of Nickel-Chromium, 52.
Steel Trade, Problems of the, 108.
Stoves, Modern Drying, 121.
Structure of Cast Iron, 210.
Submerged. Flame Combustion, 202.
Superheating Cast Iron, Theory of, 234.
Surface Hardening by Nitrogen, 135.
Survey of Moulders' Troubles, 148.
Systems of Steelmaking Examined, 141.

T

Technical Research Work in Sweden, 49.
Theory of the Blast Furnace Process, 65.
Tin: A Review, 97.
Tin Shortage? Is there, 160.
Trade Talk, 20, 38, 56, 74, 92, 112, 130, 149, 168, 186, 204, 219, 236.
Treatise on Foundry Practice, 215.
Tubbings for Mine Shafts, Manufacture of Cast-Iron, 107.
Type of Mould on the Mechanical Properties of Cast Aluminium and its Alloys, Influence of the, 159.

V

Variations in Pig-iron Qualities, Cause of, 33.
Visualising the Future of the Foundry, 106.

W

Warped Castings, 108.
Welding, Recent Developments in, 156.
Works Economics, 45.
Works of David Colville & Sons, Limited, Clydebridge Steel Works, 35.
Works of Stewarts & Lloyds, Limited, Clydesdale Iron and Steel Works, 173.
Works of William Beardmore & Company, Limited, Mossend Steel Works, 61.

Y

Yorkshire and Lancashire Foundrymen Visit Large Gear Works, 139.

Z

Zinc in Aluminium Alloys, Volumetric Estimation of, 175.

AUTHORS INDEX.

A

Audo, M., 119.
Anglo-American, 102.
Archer, R. S., 67.

B

Bagshawe, A. W. G., 73.
Bardenheuer, P., 34.
Bargellesi-Giacomo, 161.
Becker, H., 107.
Beech, A. S., 177.

C

"Celsian," 86.
Chevenard, M., 194.
Coggon, H. F., 153.
Cowan, H., 138.
Cutts-Verdon, O., 161.

D

Dennison, W., 225.
Deschamps, J., 125.
Desch, C. H., 185.
Devine, Bradford H., 147.
Dews, H. C., 162.
Dickie, H. A., 52.
Domanski, 42.

E

Edgar, James, 232.
Ellis, J. P., 124.
Everest, Arthur B., 29, 47, 206.

F

Farmer, Eric, 67.
Fox, E. J., 193.
France, G. E., 121

G

Goodwin, John T., 138.
Gordon, A. P. L., 117.
Grant, D. L., 22.
Gray, T. H., 190.
Green, A. T., 50.
Gritstone, 120.

H

Hallamore, J. C., 148.
Hanson, D., 7, 29, 47, 210.
Hessenbruch, W., 213.
Hill, S. Ashton, 44.
Holland, W., 136.
Holtzhausen, P., 222.
Hurst, J. E., 22, 199, 134.
Hitchins, C. F., 161.

J

J. B., 60.
J. E. P., 137.
J. M., 108.
Jones, G. J., 127.
Jones, J. L., 42.

K

Kendor, 116.
"Kilowatt," 214.
Kirby, A. D., 144.
Knight, W. S., 116.

L

Lambert, Wesley, 10.
Lemoine, R., 43.
Le Thomas, 42.
Levi, Andre, 42.
Lewis, Edwin H., 3.
Littlehales, H., 82.
Longden, E., 227.
Lowry, E. J., 6.

M

Magdelenat, M. H., 88.
Makemson, T., 110.
Marksman, 2, 26, 52, 60, 90, 96, 117, 134, 152, 172, 190, 210, 231.
Marshall, W., 124, 216.
Masters, J., 217.
Maurer, E., 222.
Meadowcroft, W. H., 116.
M. D., 134.
Moore, R. D., 63.
Mortimer, George, 148.
Mundey, A. H., 45.
McCaffery, R. S., 33.

N

Nitride, 135.

O

Oberhoffer, P., 213.
"Onlooker," 46, 198.
Ostermann, H., 34.

P

Pack, Charles, 70.
Parker, J. W., 218.
Paterson, C. C., 202.
Pemberton, H., 106.
Pfanhauser, W., 105.
Phillips, E. A., 22.
Player, H., 116.
Portevin, A., 42.
Primrose, J. S. G., 27.

Q

Quicke, Jos. H., 94.

R

Rademacher, W. H., 18.
Redmond & Company, 26.
Renaud, F., 12.
Richman, A. J., 215.
Ridsdale, N. D., 79.
Robinson, Theodore W., 83.
Rowe, F. W., 195.
Rubio, Mancio, 172.
Russell, Frank, 24.

S

Schiffler, H. J., 213.
Schutz, —, 42.
Shaw, Ben, 176, 232.
Shepherd, H. H., 104, 126, 175.
Shillitoe, H., 73.
Simons, Eric N., 11, 78, 109, 135.
Sirovitch, —, 43.
Skerl, J. G. A., 184.
Smith, A. E. McRae, 172.
Stobie, Victor, 105, 117.
Stokes, F. W., 90.
Sutcliffe, A., 146.
Sutton, E. W., 116.
Swindin, Norman, 202.

T

Tupholme, C. H. S., 216.
Turner, T. Henry, 29, 47.

V

Vanzetti, M., 43.
Vaughan, Stanley, 156.

W

Weidlein, E. R., 86.
West, Walter, 103, 211.
Wigglesworth, J. H., 148.
Wilson, Fred P., 16.
Wüst, Fritz, 65.

Y

Young, E. R., 164.
Young, Horace J., 49, 73.